

FIG. 1A
Client-Server Environment

FIG. 1A is a diagram of a Client-Server Environment 102. The environment includes a Central Server System 110, an Agent 122, and three Clients 118a, 118b, and 118c. The Central Server System 110 is connected to the Agent 122 and each of the Clients 118a, 118b, and 118c. The Agent 122 is connected to the Central Server System 110 and the Transaction Engine 114. The Clients 118a, 118b, and 118c are connected to the Transaction Engine 114. The Transaction Engine 114 is connected to the Central Server System 110.

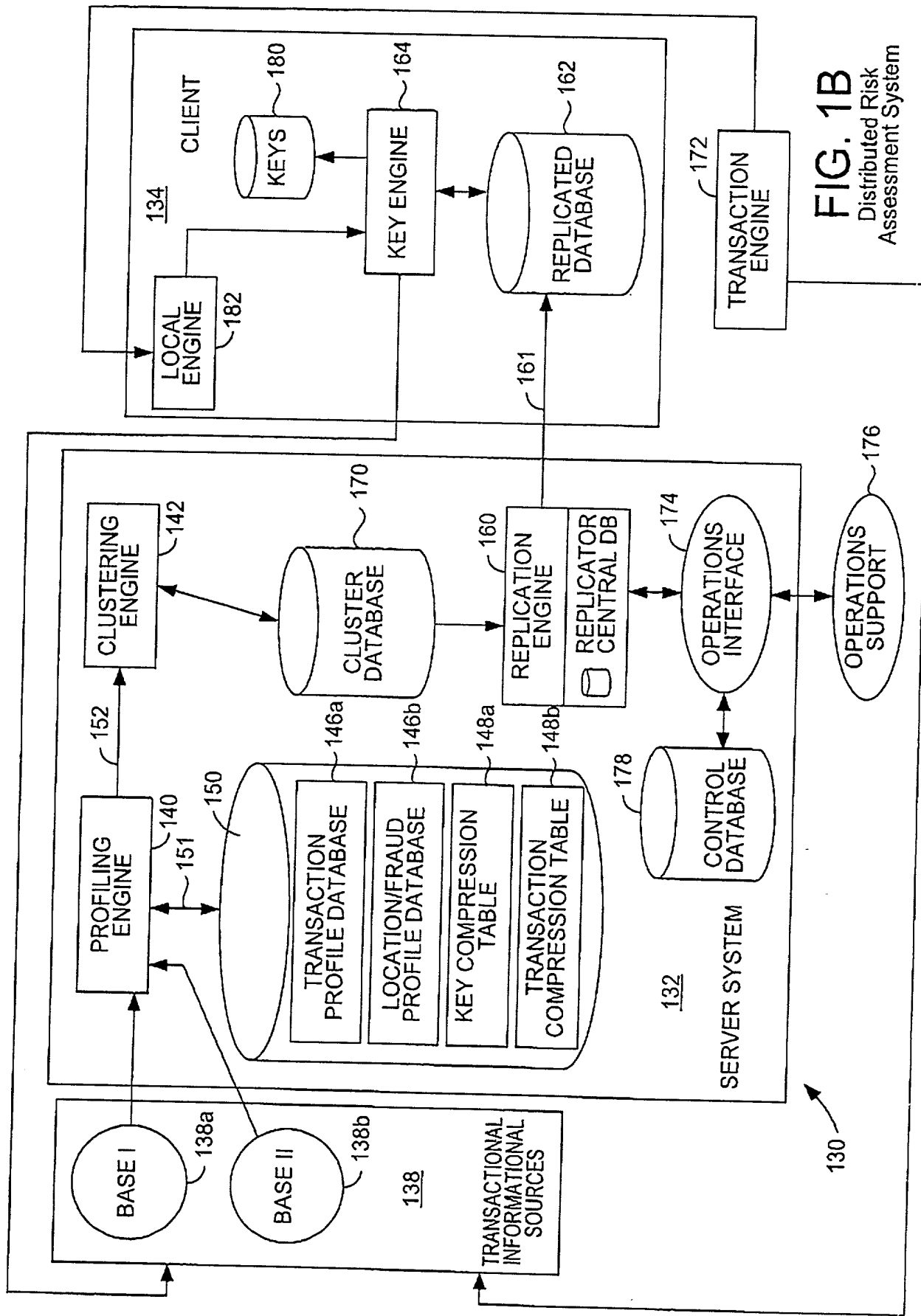


FIG. 1B
Distributed Risk
Assessment System

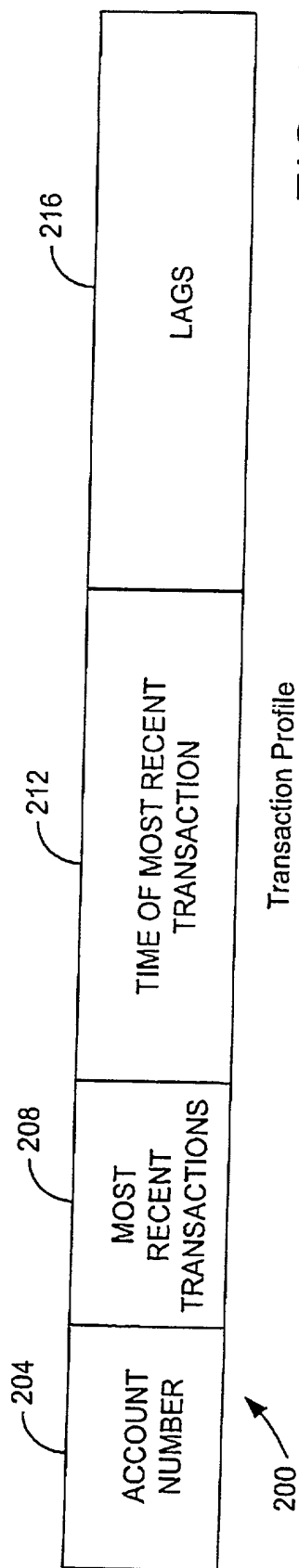


FIG. 2

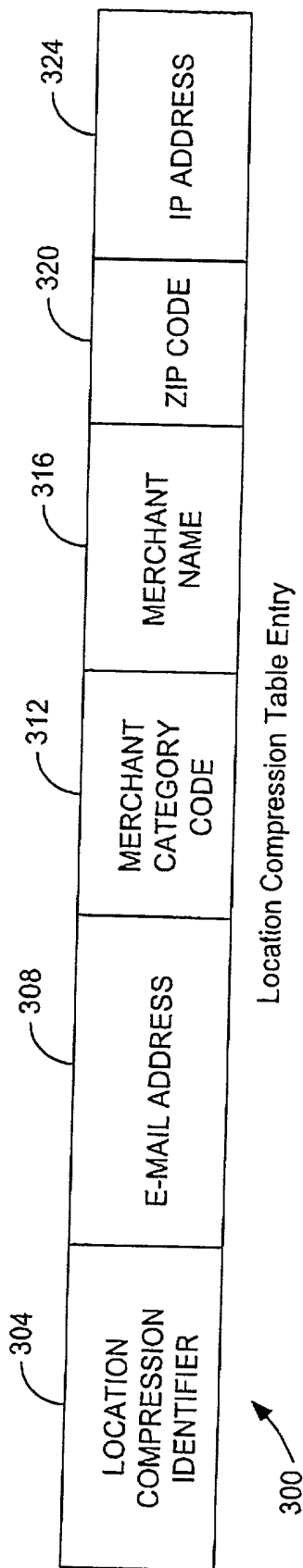


FIG. 3

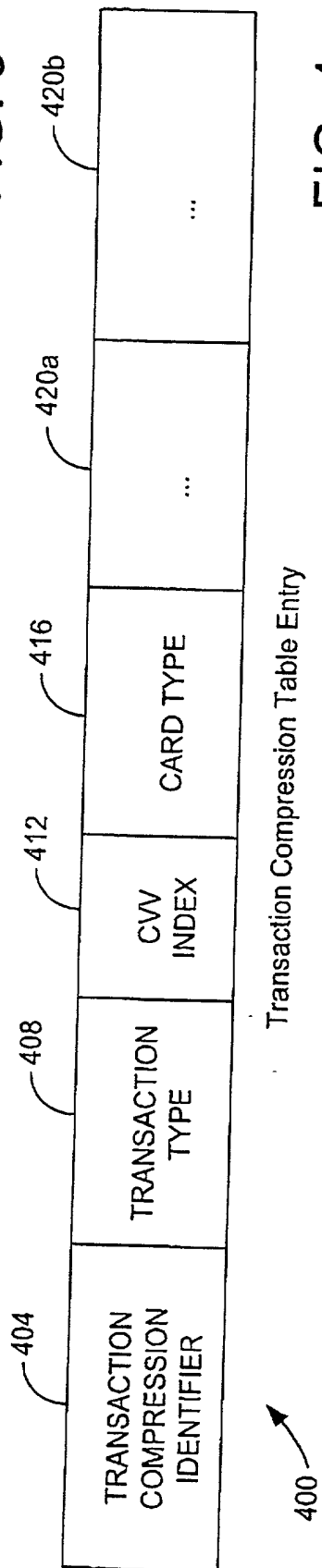


FIG. 4

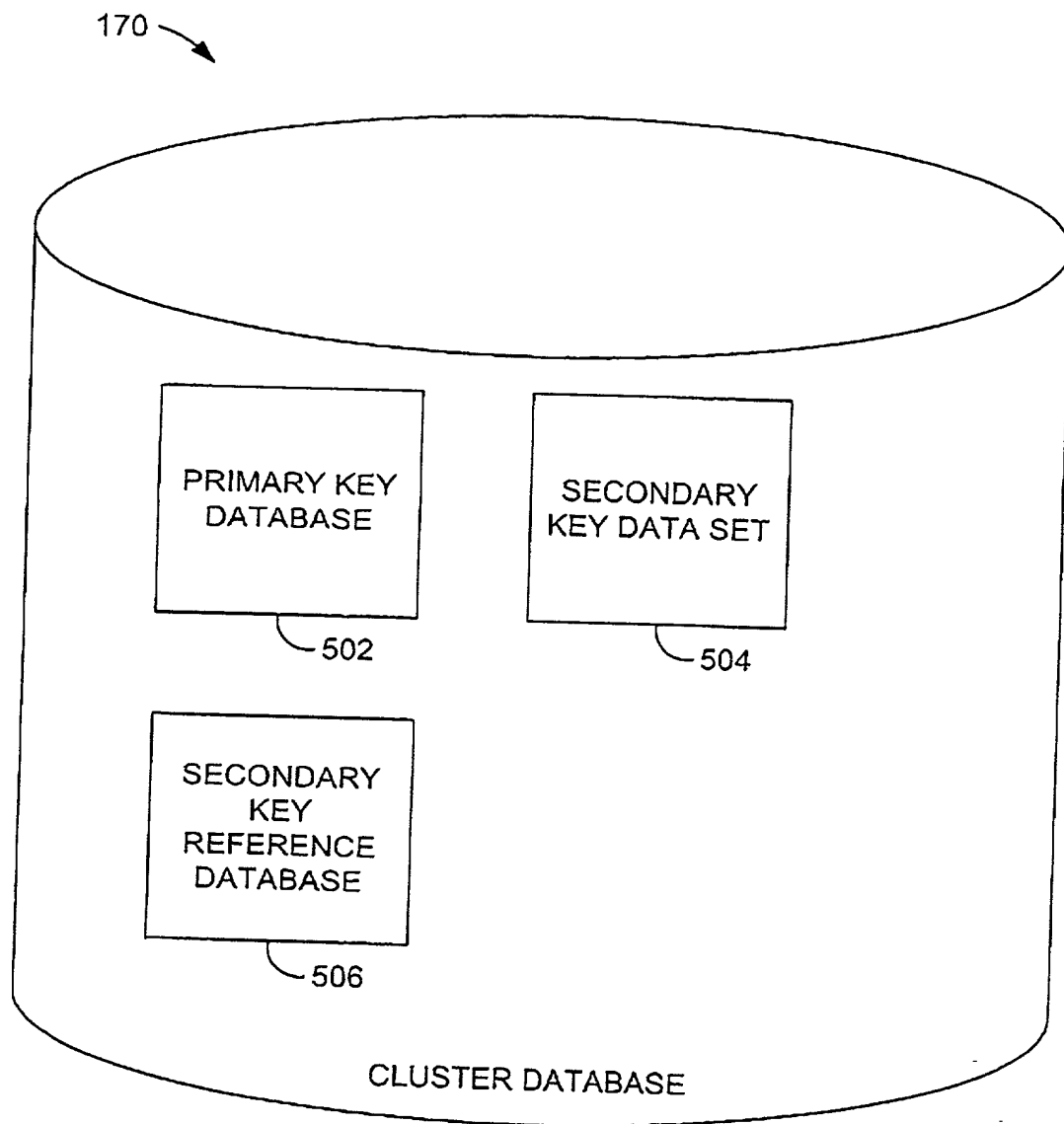


FIG. 5

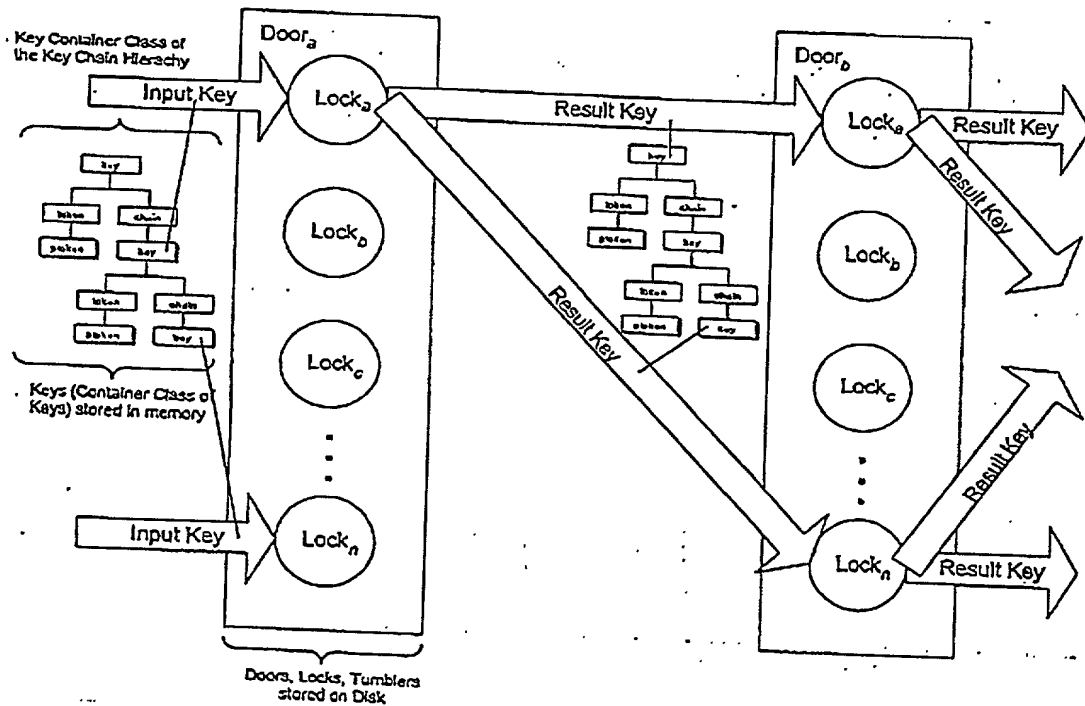


FIG. 6B

Key, Door and Lock Relationships

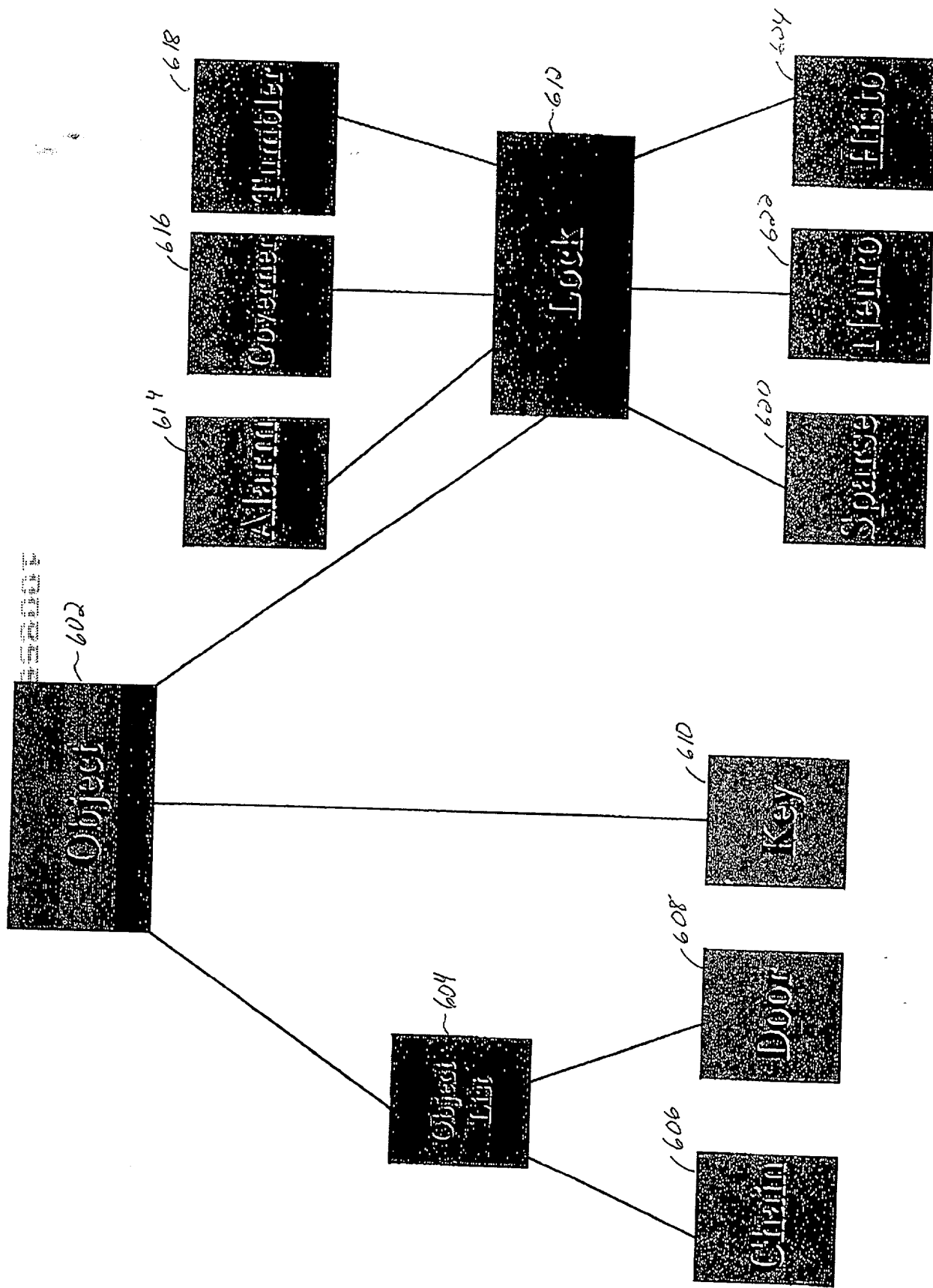


FIG. 6C

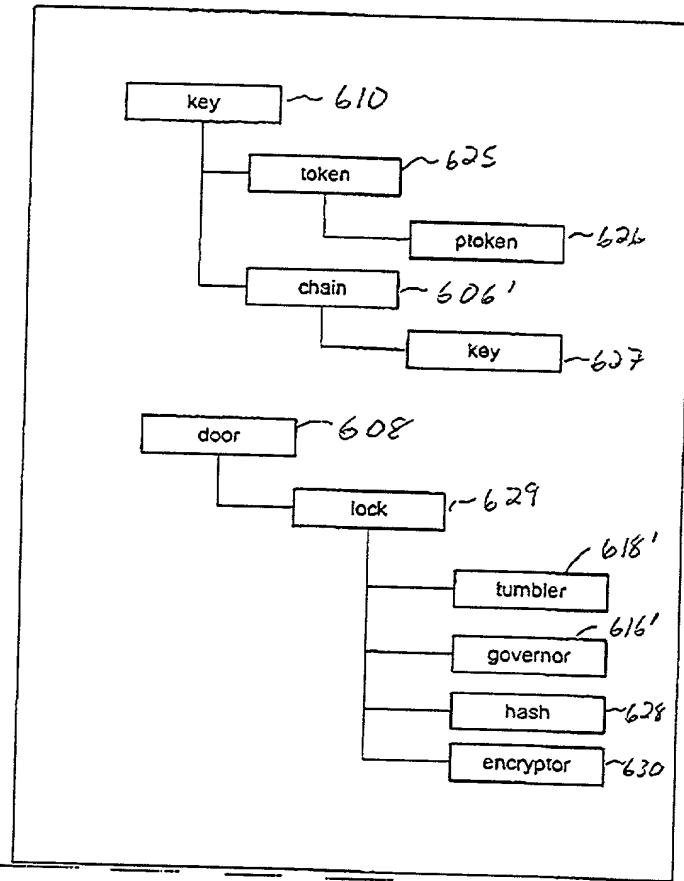


FIG. 6D

FIG. 6E is a block diagram of a system for processing sample volume files. The system includes a sample volume file (634) which is processed by a Key block (636) to produce a Key (636). The Key (636) is then processed by a Sort block (640) to produce a Frequency (638a). The Frequency (638a) is then processed by a Count block (642) to produce a Count (642). The system also includes a Cluster Table (646) which is used to process the Count (642) to produce a Cluster Table (646).

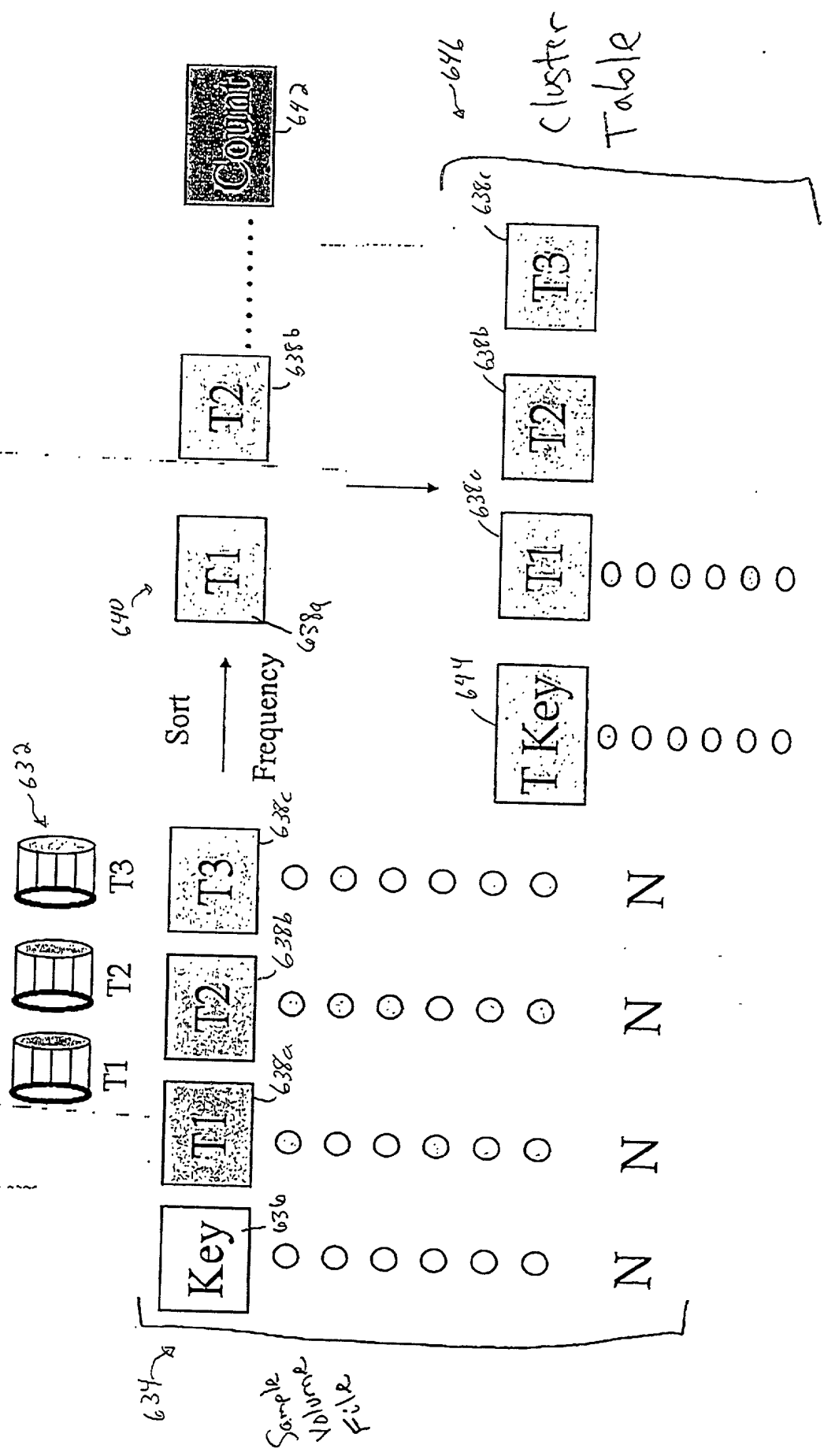


FIG. 6E

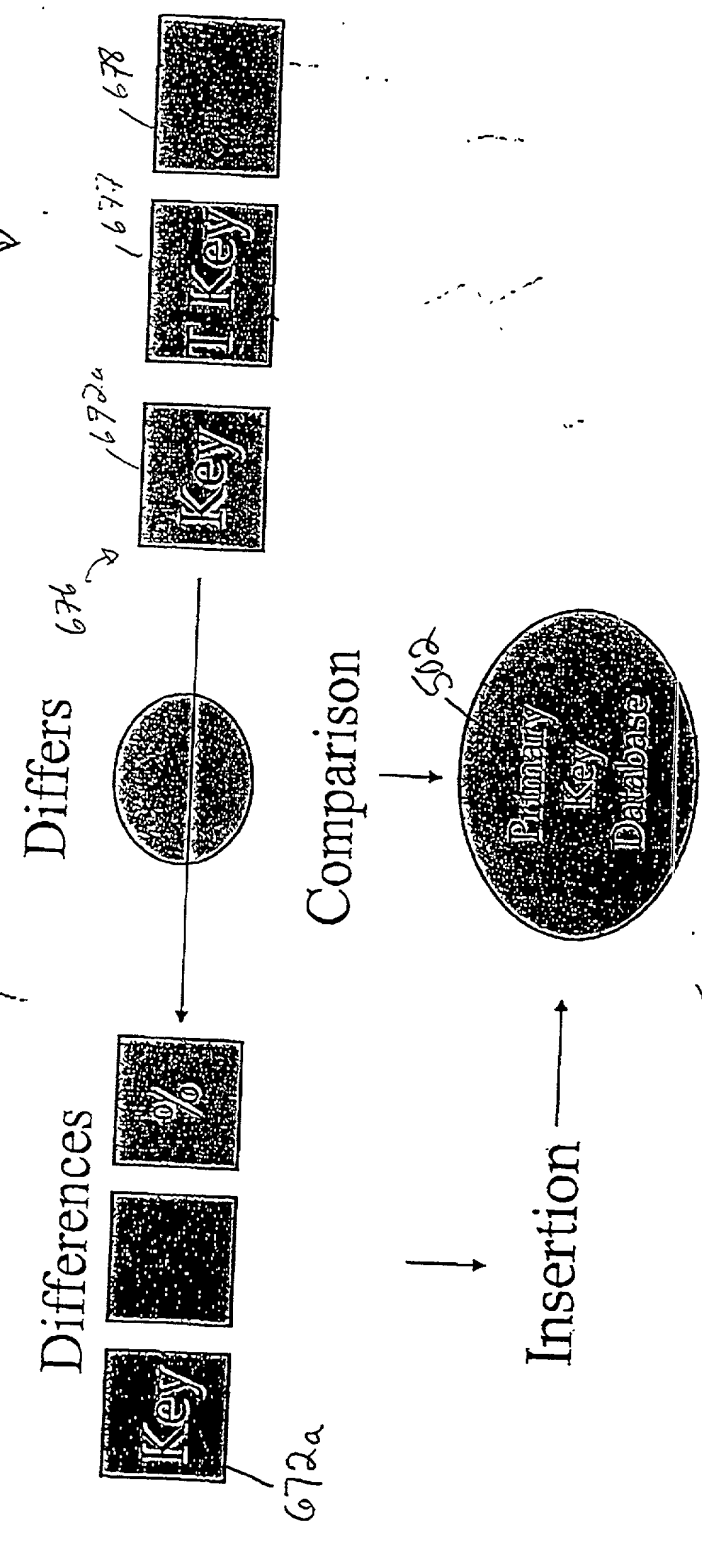
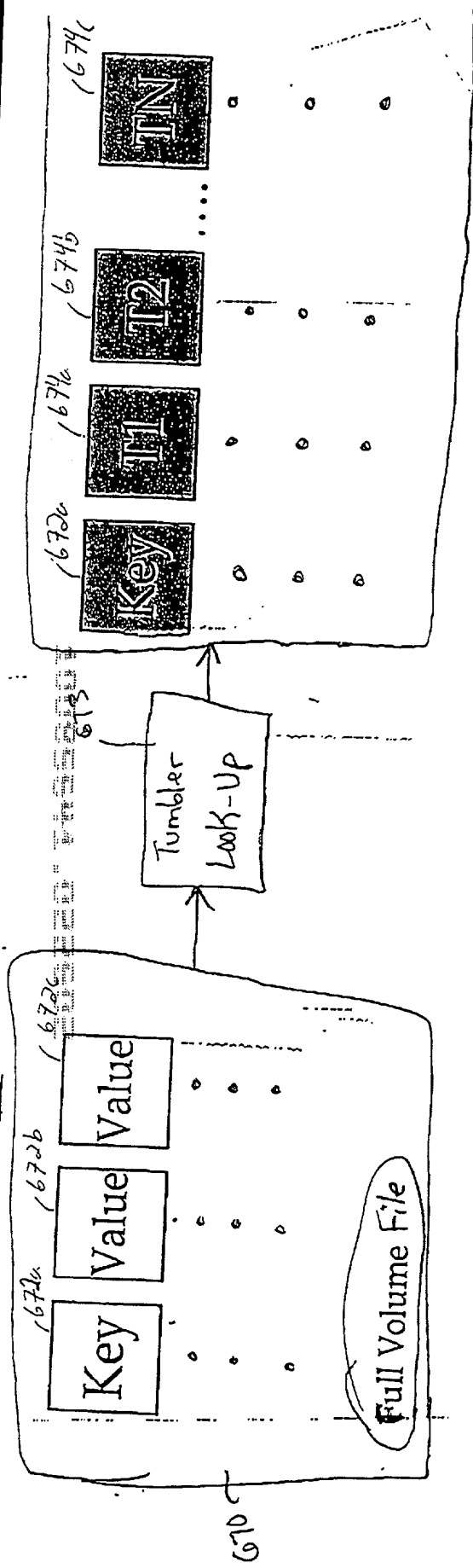


FIG. 6F

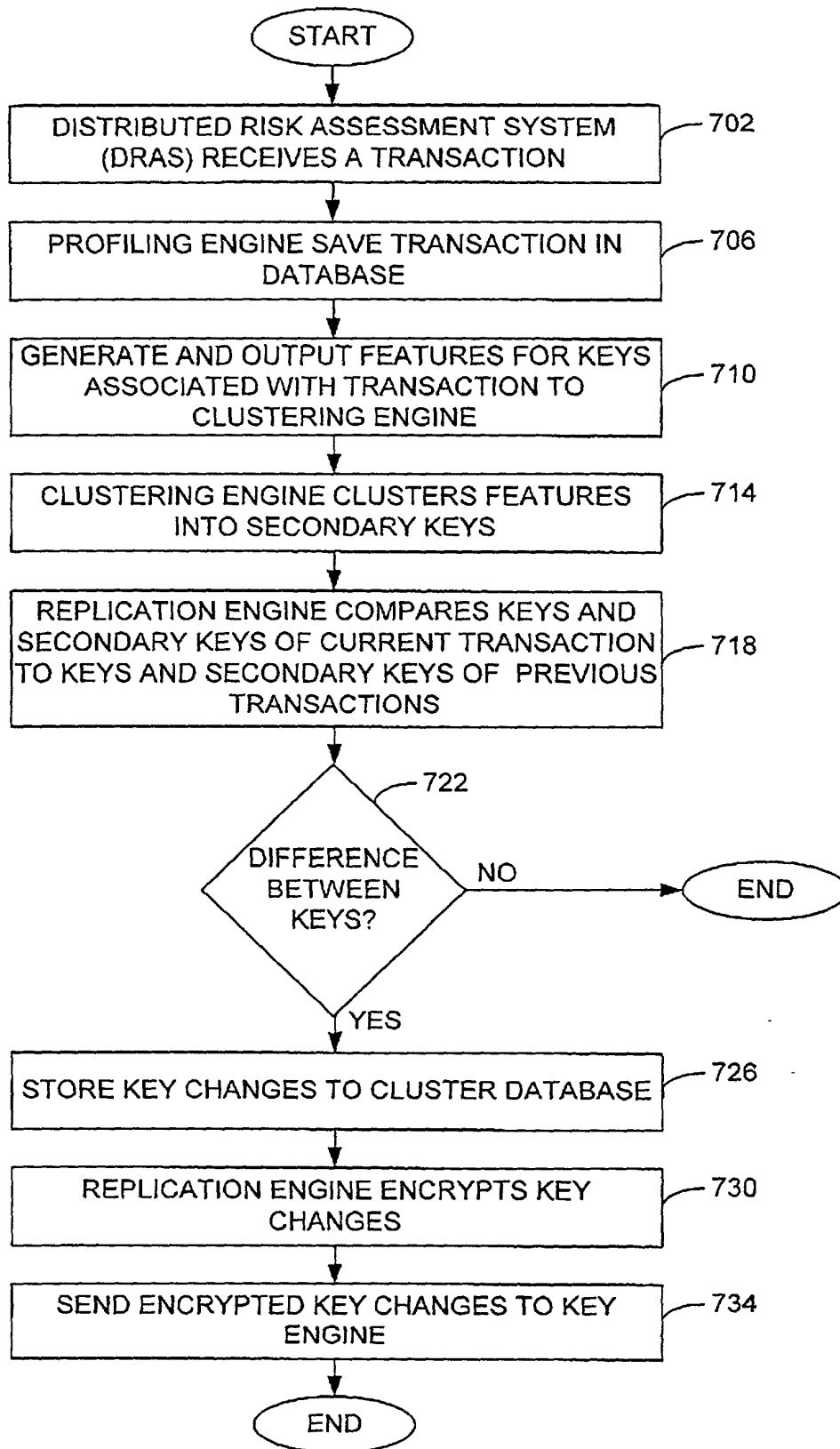


FIG. 7

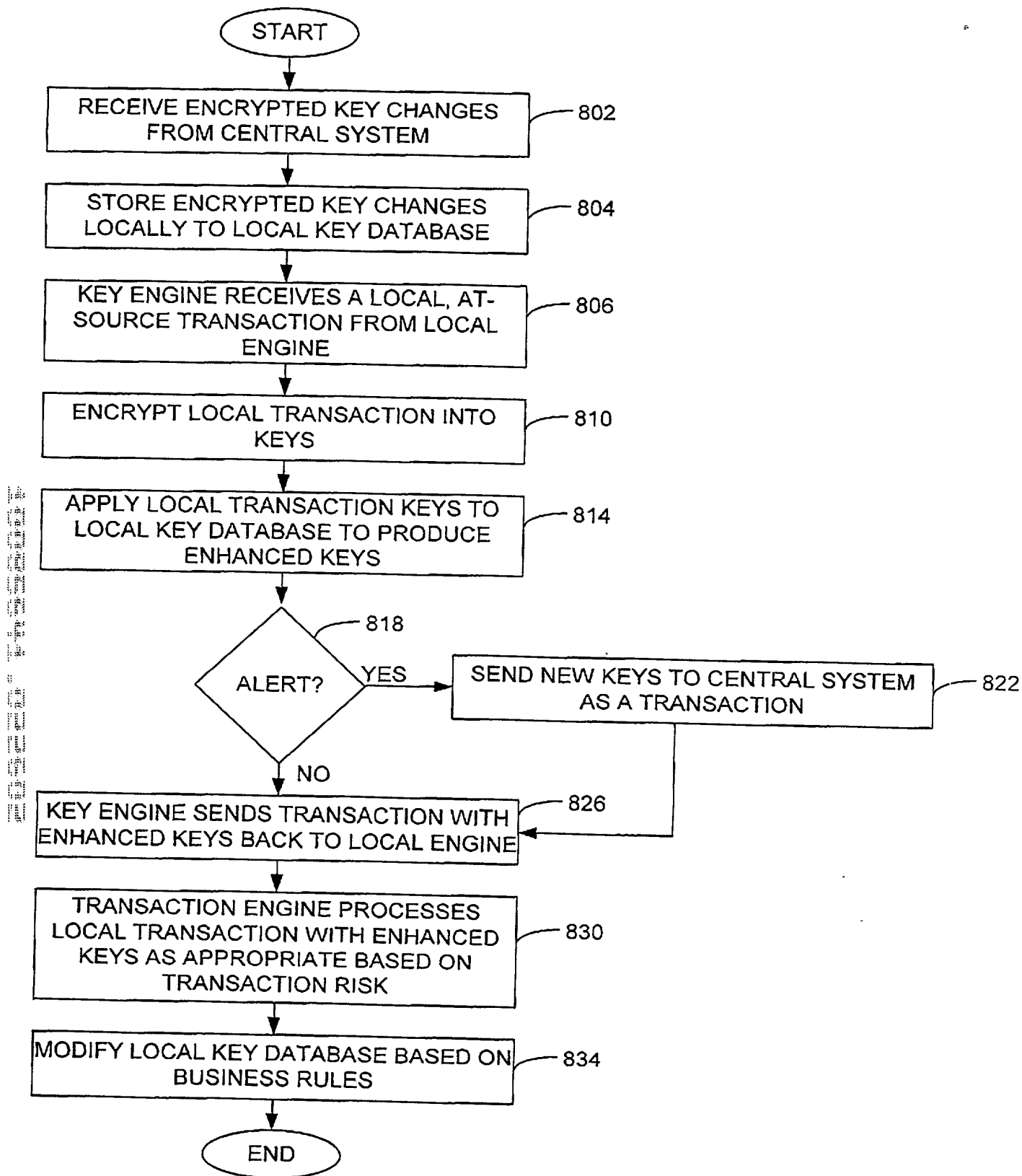


FIG. 8

START
814

KEY ENGINE RECEIVES INPUT KEYS ~902

INITIALIZE TO FIRST DOOR ~906

INITIALIZE TO FIRST LOCK WITHIN DOOR ~910

OPERATE ON FIRST LOCK WITH INPUT KEYS ~914

918
ADDITIONAL
LOCKS IN
DOOR?

YES

OPERATE ON NEXT LOCK WITH INPUT KEYS ~920

ADDITIONAL
DOORS?

NO

END

YES

930
MOVE TO NEXT DOOR

FIG. 9

FIG. 10

140
↓

Profiling Engine

